



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

INVENTORS: Leon L. Nieczyporowicz et al.

SERIAL NO.: 10/037,422 ART UNIT: 2131

FILED: 10/24/2001 EXAMINER:

TITLE: Spreading Code Hopping for Synchronous DS-CDMA System to Mitigate  
Interference Effects

ATTORNEY DOCKET NO.:907B.005.U1(US)

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, copies are herewith submitted of publications that may be pertinent to the invention as claimed in the above-identified patent application. The attached form PTO-1449 lists these publications.

The citation of the two journal articles "Code-Hopping as a New Strategy to Improve Performance of S-CDMA Cellular Systems", B. Ünal et al., Proc. IEEE Global Telecommunications Conf., 1996, pp. 1316-1319, and "Variability of User Performance in Cellular DS-CDMA-Long versus Short Spreading Sequences", S. Parkvall, IEEE Transactions on Communications, Vol.: 48, No. 7, July 2000, should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available. The B. Ünal et al. publication is listed as footnote [11] in the Parkvall publication.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

4/4/2002  
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<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449)</b> (Substitute)		Docket No.: 907B.0005.U1(US)		Serial No.: 10/037,422														
		Applicant(s): Nieczyporowicz et. al.																
		Filing Date: 10/24/2001		Group: 2131														
<b>U.S. PATENTS</b>																		
Initials	Patent Number	Issue Date	Name 		Class	Sub-class												
<b>FOREIGN PATENT DOCUMENTS</b> <table border="1"> <thead> <tr> <th>Initials</th> <th>Document Number</th> <th>Date</th> <th>Country</th> <th>Name</th> <th>Translation? Yes/No/n/a</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a						
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<b>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</b>																		
	"Code Hopping as a New Strategy to Improve Performance of S-CDMA Cellular Systems", B. Unal. et. al., Proc. IEEE Global Telecommunications Conf., 1996, pp. 1316-1319																	
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